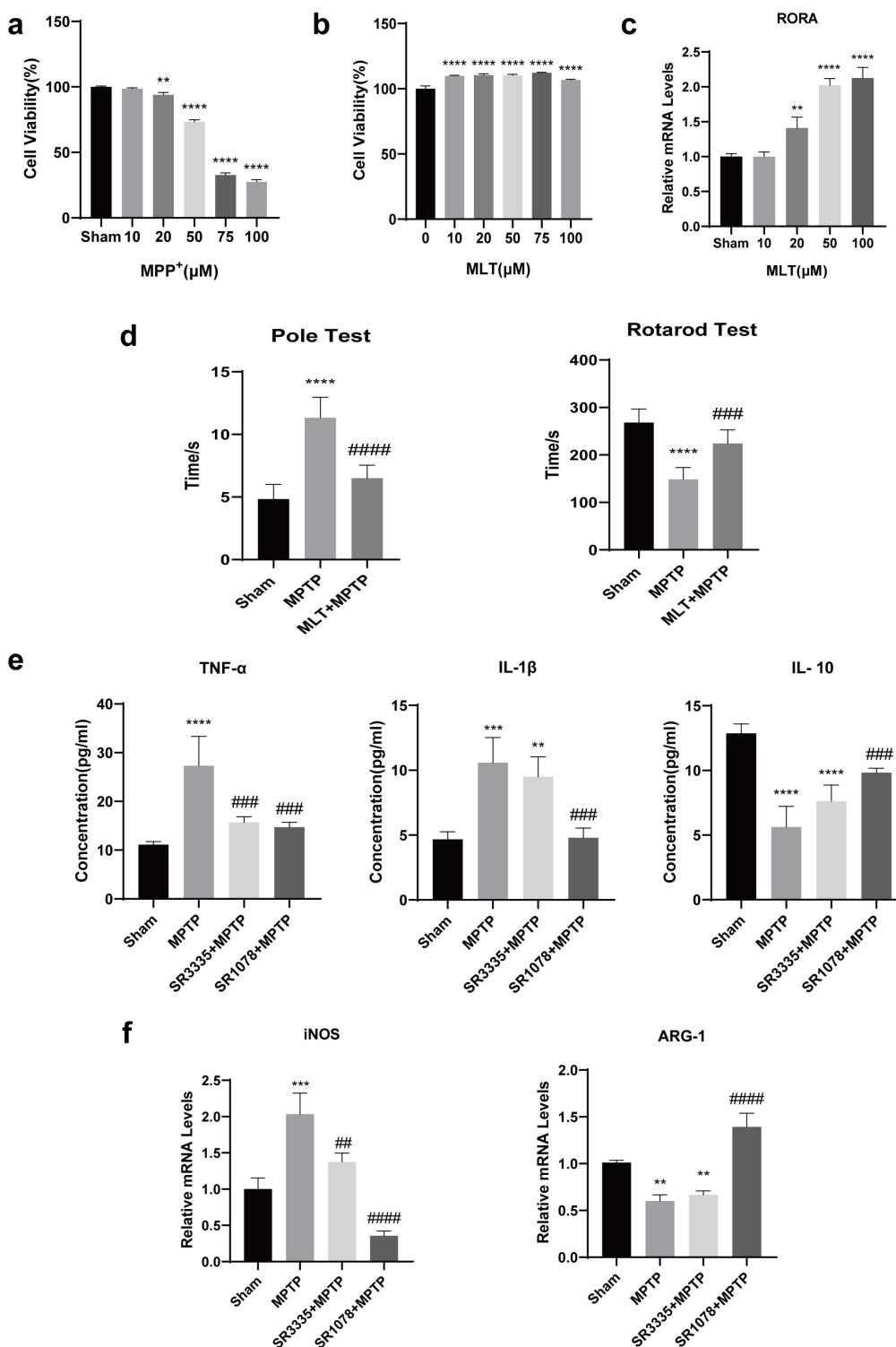


**Supplementary Table 1. Primers used in this experiment**

Gene	5' Forward	3' Reverse
GAPDH	AGGTCGGTGTGAACGGATTG	TGTAGACCATGTAGTTGAGGTCA
RORA	GTGGAGACAAATCGTCAGGAAT	TGGTCCGATCAATCAAACAGTTC
CD36	AGATGACGTGGCAAAGAACAG	CCTTGGCTAGATAACGAACACTCTG
CD206	CTCTGTTCAGCTATTGGACGC	TGGCACTCCAAACATAATTGA
iNOS	GTTCTCAGCCAACAATACAAGA	GTGGACGGGTCGATGTCAC
ARG-1	CTCCAAGCCAAGTCCTAGAG	AGGAGCTGTCATTAGGGACATC
TNF- $\alpha$	CACGCTCTCTGTCTACTGAACCTTC	ATGATCTGAGTGTGAGGGTCTGG
IL-1 $\beta$	GCACTACAGGCTCCGAGATGAA	GTCGTTGCTGGTTCTCCTTGT
IL-10	AGCCTTATCGGAAATGATCCAGT	GGCCTTGAGACACCTTGGT
TREM2	GACCTCTCCACCAGTTCTCC	TACATGACACCCCTCAAGGACTG
TLR4	CTCACAACTTCAGTGGCTGGATT	GTCTCCACAGGCCACCAGATTCTC



## **Supplementary Figure 1**

BV2 cells were treated with MPP<sup>+</sup> or MLT in different concentrations (0, 10, 20, 50, 75, 100 μM).

The mice in MLT/SR3335/SR1078 group were pre-treated with MLT (20mg/kg, i.p.), SR3335 (15mg/kg, i.p.) and SR1078 (10mg/kg, i.p.) half an hour before MPTP (25mg/kg, i.p.) injection.

MPTP, MLT, SR3335, SR1078 or equivalent saline were treated for 7 days.

(a,b) CCK-8 results showed the cell viability of BV2 cells in different groups. (c) The expressions of ROR $\alpha$  after MLT treatment measured by RT-qPCR. (d) Motor functions of the control and MPTP groups were measured by pole and rotarod tests. (e) ELISA results indicated serum levels of TNF- $\alpha$ , IL-1 $\beta$  and IL-10 in different groups. (f) RT-qPCR showed the expressions of polarization markers iNOS and ARG-1 in midbrain tissue in different groups. Data are mean± SD. (n=3 independent experiments. \*, #, P<.05; \*\*, ##, P<.01; \*\*\*, ###, P<.001; \*\*\*\*, #####, P<.0001; \*, vs Sham group; #, vs MPTP group)

Figure 1b

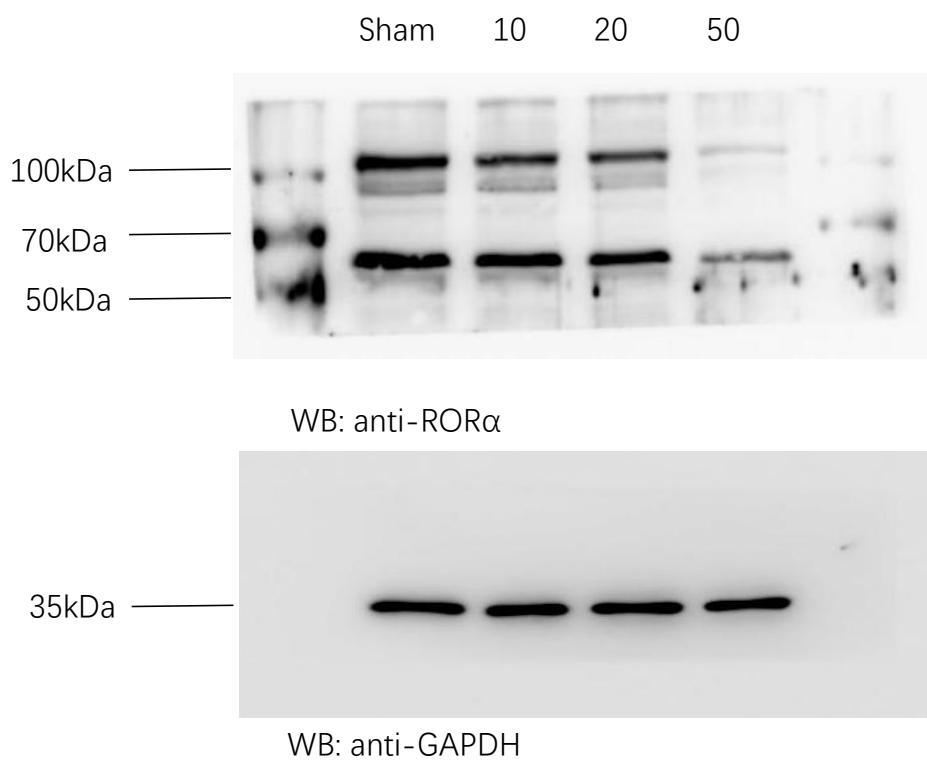


Figure 2b

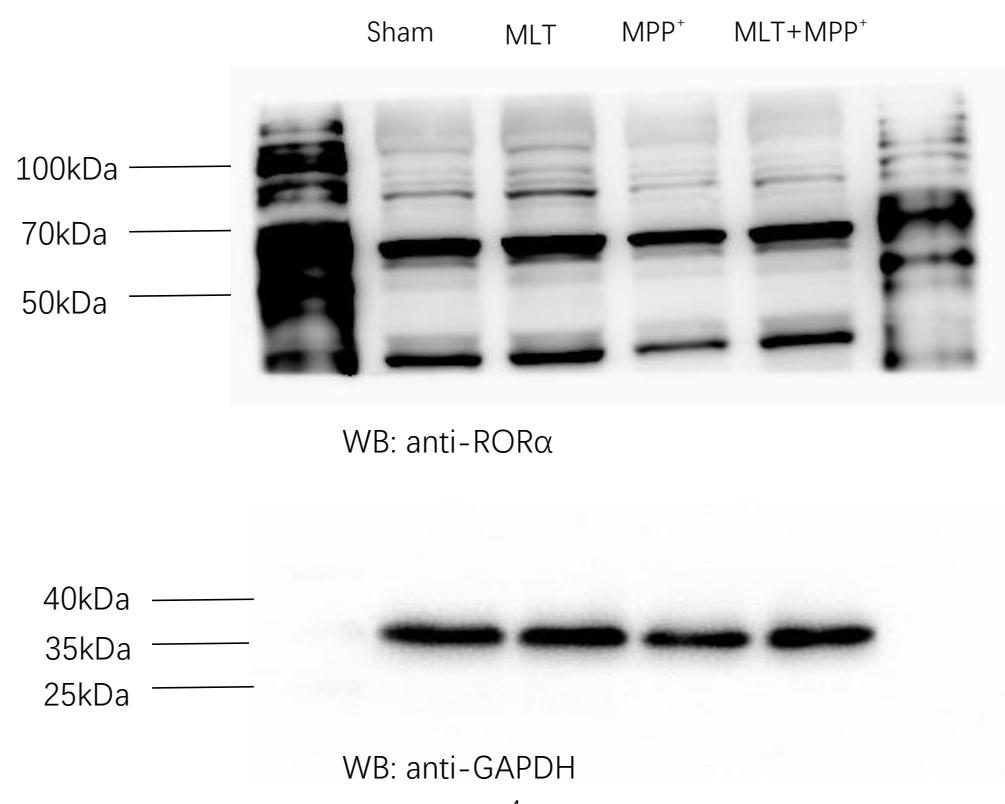


Figure 3b

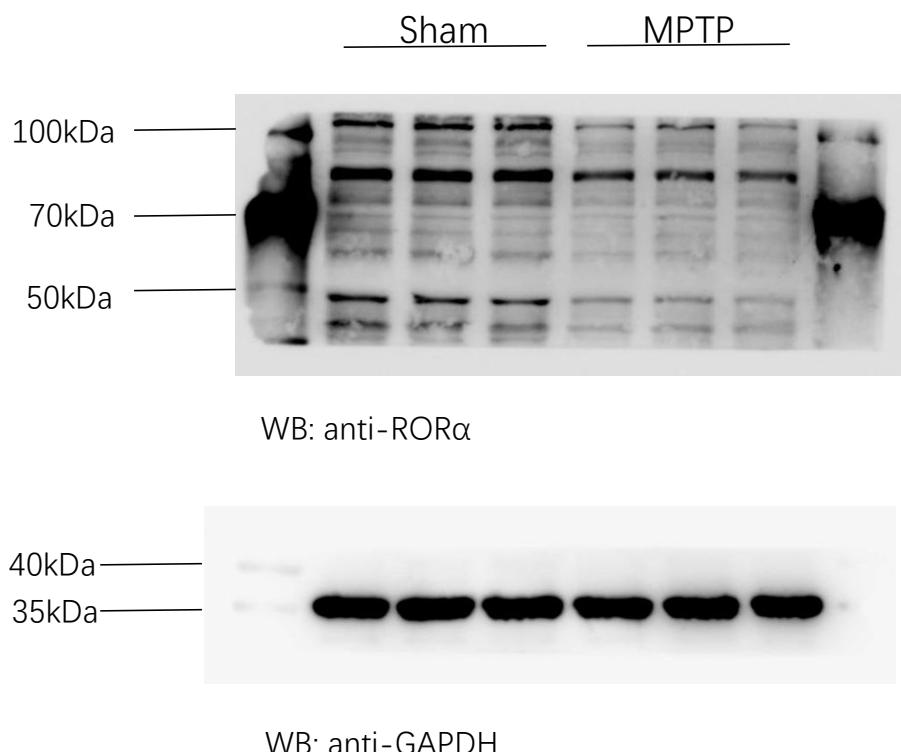


Figure 4b

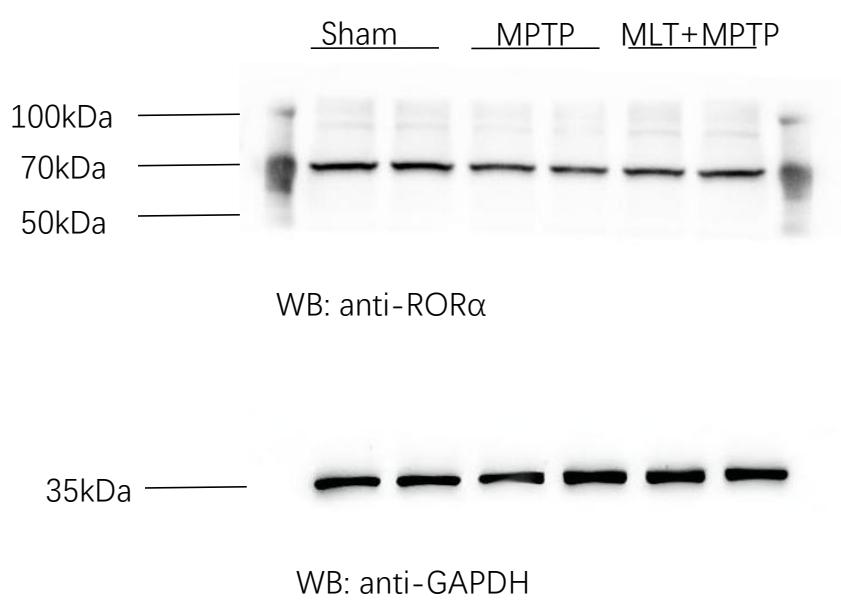


Figure 6a

